Index of Claims

| Application No. | Applicant(s)  |
|-----------------|---------------|
| 10/772,885      | COOPER ET AL. |
| Examiner        | Art Unit      |
| Gerald Gauthier | 2645          |

| 7 | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  | Æ |
|---|--------------|---|
| ı | Interference | C |

| A | Appeal   |
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| 0 | Objected |

|         | aim      | Date                                    |                    |        |          |            | $\neg$  | Claim Date |              |        |          |          |          |              |                   |   | Claim Date  |              |        |           |   |         |          |               |         |           |              |         |         |                    |          |
|---------|----------|---|--------------------|--------|----------|------------|---|------------|--------------|--------|----------|----------|----------|--------------|-------------------|---|---|--------------|--------|-----------|---|---------|----------|---------------|---------|-----------|--------------|---------|---------|--------------------|----------|
| CI6     |          | $\vdash$                                | Date Claim Date    |        |          |            |   |            |              |        | $\dashv$ | CI       |          | $\vdash$     | $\neg$            |   | Ť   | 1            | 1      | Т         | Г |         |          |               |         |           |              |         |         |                    |          |
| Final   | Original | 8/4/05                                  | 1/12/06            |        |          |            |   |            |              |        | Final    | Original |          |              |                   |   |   |              |        |           |   | Final   | Original |               |         |           |              |         |         |                    |          |
|         | 1        | 1                                       | 1                  | $\Box$ | $\neg$   |            |   |            | П            | $\neg$ |          | 51       |          |              | $\Box$            | $\neg$  |   | 一            | $\neg$ | _         |   |         | 101      | $\vdash$      | $\top$  | $\top$    | 十            | $\top$  | T       |                    | 一        |
|         | 2        | 7                                       | 1                  | $\neg$ |          |            | 1   |            | H            | $\neg$ |          | 52       |          |              |                   |   |   | 寸            | $\neg$ |           | _ |         | 102      | $\Box$        | $\top$  | $\top$    | +            | 十       | ✝       | 1                  |          |
|         | 3        | 1                                       | 1                  | $\Box$ |          |            |   |            | П            | $\neg$ |          | 53       | $\vdash$ |              |                   |   |   |              |        |           |   |         | 103      |               | 十       | 7         | ╅            | 十       | 1-      | 1                  | T        |
|         | 4        | 1                                       | 7                  |        |          |            | T   |            |              |        |          | 54       |          |              |                   |   |   |              |        |           |   |         | 104      |               | $\neg$  |           | T            | $\top$  | T       |                    |          |
|         | 5        | 1                                       | 1                  |        |          |            |   |            |              | 7      |          | 55       |          |              | T                 |   |   | T            |        |           |   |         | 105      | П             | $\neg$  |           | T            | ┪       | 1       | Т                  |          |
|         | 6        | 1                                       | 1                  |        |          |            |   |            | П            |        |          | 56       |          |              |                   |   |   | 一            |        |           |   |         | 106      |               |         | 1         | $\top$       | 1       | T       | Τ                  |          |
|         | 7        | 1                                       | 1                  |        |          |            |   |            | П            | $\neg$ |          | 57       |          |              |                   |   |   | $\neg$       | $\neg$ | T         |   |         | 107      |               | T       | ┪         | ┪            | 十       | 1       |                    |          |
|         | 8        | 1                                       | 1                  |        |          |            | Г   | П          | П            |        |          | 58       |          |              |                   |   |   |              |        |           |   |         | 108      | $\Box$        | $\top$  | $\top$    | 1            | 1       | 1       | Т                  |          |
|         | 9        | 1                                       | 7                  |        |          |            | Г   |            | П            |        |          | 59       |          |              |                   |   |   |              |        |           |   |         | 109      |               |         | 1         | 1            |         | Τ       | Γ                  | Г        |
|         | 10       | 1                                       | 7                  | $\Box$ |          |            | Γ   | $\Box$     |              |        |          | 60       |          |              | П                 |   |   | $\neg$       | 寸      |           |   |         | 110      |               | $\top$  |           | T            |         | 1       | Ī                  | Ī        |
|         | 11       | 1                                       | 1                  |        |          | П          | Г   |            | $\Box$       | $\neg$ |          | 61       |          |              | П                 |   |   | $\neg$       |        |           |   |         | 111      |               | $\neg$  | 7         |              | 7       | Т       | T                  |          |
|         | 12       | 1                                       | 1                  |        |          |            | Г   | Г          | П            | $\neg$ |          | 62       |          |              | П                 | $\Box$  |   |              |        |           |   |         | 112      |               |         |           | Т            |         |         |                    |          |
|         | 13       | 1                                       | 1                  |        |          |            |   |            | П            |        |          | 63       |          |              | П                 |   |   |              |        |           |   |         | 113      |               |         | Т         |              |         |         |                    | Ī        |
|         | 14       | 7                                       | 1                  |        |          |            |   |            |              |        |          | 64       |          |              | П                 |   |   |              | $\neg$ |           |   |         | 114      | П             | $\top$  | Т         |              | T       | T       |                    | П        |
|         | 15       | 1                                       | 1                  |        |          |            |   |            | П            |        |          | 65       | Г        |              | П                 |   |   |              | $\neg$ |           |   |         | 115      | П             |         | Т         |              |         | Т       | Г                  | Π        |
|         | 16       | 1                                       | 1                  |        |          |            |   |            |              |        |          | 66       |          | Г            |                   |   |   |              |        |           |   |         | 116      |               |         |           |              | Т       | Τ       | Г                  |          |
|         | 17       | 1                                       | 1                  |        |          |            |   |            |              |        |          | 67       |          |              |                   |   |   |              |        |           |   |         | 117      |               |         | T         |              |         | Т       |                    |          |
|         | 18       | 1                                       | 1                  |        |          |            |   |            |              |        |          | 68       |          |              |                   |   |   |              | Ì      | $\Box$    |   |         | 118      |               |         |           |              |         |         |                    |          |
|         | 19       | 1                                       | 1                  |        |          |            |   |            |              |        |          | 69       |          | Г            |                   |   |   |              |        |           | 7 |         | 119      |               |         | Т         |              |         | Τ       |                    | Π        |
|         | 20       |   |                    | П      |          |            | П   |            | П            |        |          | 70       |          | Г            |                   |   |   |              |        | $\neg$    |   |         | 120      | П             | Т       | Т         | Τ.           |         |         |                    |          |
|         | 21       |   |                    | П      |          | П          | П   |            | П            |        |          | 71       | Π        | Γ            |                   |   |   |              |        |           |   |         | 121      |               | П       |           | T            |         |         | Τ                  |          |
|         | 22       |   |                    | П      |          | П          | Π   | Π          | П            |        |          | 72       |          |              |                   |   |   |              |        |           |   |         | 122      |               | П       | Т         | Т            | Т       | Т       | Г                  | Г        |
|         | 23       |   |                    | П      |          |            |   | Г          | П            |        |          | 73       | Π        | Г            | П                 |   |   |              |        |           |   |         | 123      |               |         |           |              |         |         | Τ                  |          |
|         | 24       | Г                                       |                    | П      |          |            |   |            | П            |        |          | 74       |          |              |                   |   |   |              |        |           |   |         | 124      |               |         |           | $\perp$      |         |         |                    |          |
|         | 25       | Г                                       |                    | П      |          | Π          | П   | Ī          | П            |        |          | 75       |          |              |                   |   |   |              |        |           |   |         | 125      |               |         |           | Т            |         |         |                    |          |
|         | 26       | Г                                       |                    | П      |          |            |   | П          | П            | $\Box$ |          | 76       |          |              |                   |   |   |              |        |           |   |         | 126      |               |         |           | $\Box$       |         |         |                    |          |
|         | 27       | Π                                       | Г                  | П      |          |            |   |            | П            |        |          | 77       |          |              |                   |   |   |              |        |           |   |         | 127      |               |         |           |              |         |         |                    |          |
|         | 28       |   |                    | П      |          |            |   | П          |              |        |          | 78       |          |              |                   |   |   |              |        |           |   |         | 128      |               |         |           |              |         |         |                    |          |
|         | 29       |   |                    | П      |          |            | Π   | Г          |              | $\Box$ |          | 79       |          |              |                   |   |   |              |        |           |   |         | 129      |               |         |           |              |         | L.      |                    |          |
|         | 30       |   |                    | П      |          |            |   |            |              |        |          | 80       |          |              |                   |   |   |              |        |           |   |         | 130      |               |         |           |              |         |         |                    |          |
|         | 31       |   |                    |        |          |            |   |            |              |        |          | 81       |          |              |                   |   |   |              |        |           |   |         | 131      |               |         |           |              |         |         | L                  |          |
|         | 32       |   |                    |        |          |            |   |            |              |        |          | 82       |          |              |                   |   |   |              |        |           |   |         | 132      |               |         |           |              | $\perp$ |         |                    |          |
|         | 33       |   |                    |        |          |            |   |            |              |        |          | 83       |          |              |                   |   |   |              |        |           |   |         | 133      | Ш             |         | ᆚ         |              | $\perp$ |         | 乚                  |          |
|         | 34       |   |                    |        |          |            |   |            |              |        |          | 84       |          |              |                   |   |   |              |        |           | _ |         | 134      |               |         |           |              | ╧       |         | L                  | L        |
|         | 35       |   |                    |        |          |            |   |            |              |        |          | 85       |          |              |                   |   |   |              |        |           | _ |         | 135      |               |         |           |              | $\perp$ |         |                    |          |
|         | 36       |   |                    |        |          |            |   |            |              |        |          | 86       |          | $\Box$       |                   |   |   |              |        |           | _ |         | 136      | $\Box$        |         | $\perp$ L |              |         | $\perp$ |                    | _        |
|         | 37       |   |                    |        |          |            |   | $\Box$     |              |        |          | 87       |          | oxdot        |                   | $ldsymbol{ld}}}}}}}$ | _   | Ш            |        |           |   | <u></u> | 137      | Ш             |         |           | $\perp$      | L.      | L       | $oldsymbol{\perp}$ | L        |
|         | 38       |   | L                  |        |          |            |   | 匚          | $\Box$       |        |          | 88       |          |              |                   |   |   |              |        |           | _ | <u></u> | 138      | Ш             |         |           | $\perp$      | _ _     | 1       | L                  | 1        |
|         | 39       |   |                    |        |          | L          | $oxed{\Box}$  |            | $\Box$       |        |          | 89       | _        | _            |                   |   |   |              |        |           | _ |         | 139      | $\sqcup \bot$ |         | $\perp$   | $\perp$      | $\perp$ | $\perp$ | L                  | _        |
|         | 40       | $\Box$                                  | Ĺ                  |        |          | 匚          |   |            |              |        |          | 90       | <u>L</u> | L            | $\Box$            |   | $ldsymbol{ld}}}}}}$ | Ш            |        |           |   | L       | 140      | $\sqcup \bot$ |         |           | $\perp$      | $\bot$  | $\perp$ | L                  | 1        |
| L       | 41       | _                                       | $oxedsymbol{oxed}$ | Ш      |          | L          | <u> </u>  | <u>L</u>   |              | Ш      | <u> </u> | 91       | <u> </u> | 丄            |                   | _   | <u> </u>  | Ш            |        |           | _ | L       | 141      | $\sqcup \bot$ | $\perp$ | $\perp$   | 4            | $\bot$  | 4_      | ┸                  | 1        |
|         | 42       |   |                    |        |          |            |   | L          |              | Ш      |          | 92       | <u>_</u> |              |                   |   |   |              |        |           |   |         | 142      |               | $\perp$ | $\perp$   | $\perp$      | $\perp$ | _       | 1                  | <u> </u> |
|         | 43       | ـــــــــــــــــــــــــــــــــــــــ |                    | Ш      | <u> </u> | L          | <u>L</u>  | <u> </u>   |              | Ш      |          | 93       | 1_       | $oxed{oxed}$ | $oxed{oxed}$      | <u> </u>  | <u> </u>  | Щ            |        |           |   | <u></u> | 143      | $\sqcup \bot$ | _       | 4         | 4            | 4       | 1       | ┺                  | $\bot$   |
|         | 44       | <u> </u>                                | _                  | Ш      |          | <u></u>    | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | <b>└</b>   | $oxed{oxed}$ | Ш      |          | 94       | <u> </u> | $oxed{oxed}$ | $ldsymbol{f eta}$ | $ldsymbol{f eta}$   | lacksquare  | Щ            |        |           |   | ļ       | 144      |               | 4       | 4         | $\downarrow$ | $\perp$ | 4       | 4                  | ╄        |
|         | 45       | L                                       |                    | Ш      | _        | 乚          | <u> </u>  | $\perp$    |              | Ш      | <u></u>  | 95       | _        | $oxed{oxed}$ | $oxed{oxed}$      | <u> </u>  | <u> </u>  | <u> </u>     |        | Ш         | _ |         | 145      |               | _       | _         | 4            | $\bot$  | _       | 1                  | 1_       |
| L       | 46       | <u> </u>                                | <u> </u>           | Ш      | L        | $\vdash$   | 1_  | ┞          |              | Ш      | L_       | 96       |          | _            | L                 | L   | <u> </u>  | Ш            | Ш      |           |   | <u></u> | 146      |               | _       | $\bot$    | $\perp$      | $\bot$  | $\bot$  | ╀                  | <b> </b> |
|         | 47       | _                                       | L                  |        | L.       | L          | <u> </u>  | <u> </u>   | Щ            | Ш      | <u> </u> | 97       |          | _            | <u> </u>          | <u> </u>  | ļ   | _            | Щ      | $\Box$    | _ |         | 147      | $\sqcup$      |         | $\perp$   | 4            | _       | +       | ╀                  | ╀        |
| <u></u> | 48       | L                                       | _                  | Ш      |          | L_         | <u> </u>  | <u> </u>   |              | Ш      | <u> </u> | 98       | $\vdash$ | L            | L.                | <u> </u>  | Ŀ   | L            | Ш      | $\square$ | _ | <u></u> | 148      |               | _       | _         | 4            | _       | 4       | 1                  | ╄        |
|         | 49       | <u> </u>                                | _                  |        | <u> </u> | <u> </u>   | 丨   | <u> </u>   | <u> </u>     | Щ      |          | 99       |          | <b> </b>     | lacksquare        | Щ   | <u> </u>  | $oxed{oxed}$ | Ш      | $\Box$    | _ | <u></u> | 149      |               | _       | +         | 4            | +       | $\perp$ | $\downarrow$       | 4        |
|         | 50       |   |                    |        | Ĺ.,      | <u>L</u> _ |   | I          |              |        |          | 100      | 1        | <u></u>      | l                 | l   | l   | ı            |        |           |   | 1       | 150      | <u>1_1.</u>   | L       |           |              |         |         |                    | 1_       |